# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1 | "6687223" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L2 | 48 | "6757255" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L3 | 113 | estimate and (worst adj case adj delay) and network | USPAT | OR | OFF | 2009/03/08 08:43 |
| L4 | 65 | (estimate and (worst adj case adj delay) and network) and traffic | USPAT | OR | OFF | 2009/03/08 08:43 |
| L5 | 42 | ((estimate and (worst adj case adj delay) and network) and traffic) and @ad<"20010330" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L6 | 9 | "6192032" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L7 | 155 | calculat$4 and (traffic adj delay) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L8 | 143 | (calculat$4 and (traffic adj delay)) and network | USPAT | OR | OFF | 2009/03/08 08:43 |
| L9 | 115 | ((calculat$4 and (traffic adj delay)) and network) and rate $1 | USPAT | OR | OFF | 2009/03/08 08:43 |
| L10 | 115 | (((calculat$4 and (traffic adj delay)) and network) and rate $1) and time | USPAT | OR | OFF | 2009/03/08 08:43 |
| L11 | 66 | ((((calculat$4 and (traffic adj delay)) and network) and rate $1) and time) and interval | USPAT | OR | OFF | 2009/03/08 08:43 |
| L12 | 18 | (((((calculat$4 and (traffic adj delay)) and network) and rate $1) and time) and interval) and burst | USPAT | OR | OFF | 2009/03/08 08:43 |
| L13 | 18 | ((((((calculat$4 and (traffic adj delay)) and network) and rate$1) and time) and interval) and burst) and packet | USPAT | OR | OFF | 2009/03/08 08:43 |
| L14 | 13 | (((((((calculat$4 and (traffic adj delay)) and network) and rate$1) and time) and interval) and burst) and packet) and @ad<"20010330" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L15 | 156351 | "10" and bandwidth | USPAT | OR | OFF | 2009/03/08 08:43 |

| L16 | 12 | ((((((((calculat$4 and (traffic adj delay)) and network) and rate$1) and time) and interval) and burst) and packet) and @ad<"20010330") and bandwidth | USPAT | OR | OFF | 2009/03/08 08:43 |
|-----|-----|-----|-----|-----|-----|-----|
| L17 | 48 | "6757255" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L18 | 87 | (370/379).CCLS. | USPAT; USOCR | OR | OFF | 2009/03/08 08:43 |
| L19 | 68 | ((370/379).CCLS.) and (short circuit) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L20 | 11 | (((370/379).CCLS.) and (short circuit)) and (ground fault) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L21 | 0 | "Hassain.in" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L22 | 0 | "Hussain.in" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L23 | 5 | "6724776".URPN. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L24 | 5 | "6724776".URPN. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L25 | 5 | "6724776".URPN. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L26 | 5 | "6724776".URPN. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L27 | 5 | "6724776".URPN. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L28 | 106 | "5541912" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L29 | 15 | Lobig.in. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L30 | 10092 | Norbert Lobig.in. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L31 | 33 | Nobert.in. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L32 | 8 | "5901139" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L33 | 106 | "5541912" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L34 | 423 | Hussain.in. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L35 | 39048 | Arbit$4 and Priority | USPAT | OR | OFF | 2009/03/08 08:43 |
| L36 | 28766 | (Arbit$4 and Priority) and (buffer or memory) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L37 | 23776 | ((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input) | USPAT | OR | OFF | 2009/03/08 08:43 |

| L38 | 21812 | (((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L39 | 865 | ((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service)) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L40 | 237 | (((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer | USPAT | OR | OFF | 2009/03/08 08:43 |
| L41 | 224 | ((((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer) and (bandwidth or (flow same rate)) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L42 | 160 | (((((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer) and (bandwidth or (flow same rate))) and ATM | USPAT | OR | OFF | 2009/03/08 08:43 |
| L43 | 0 | ((((((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer) and (bandwidth or (flow same rate))) and ATM) and @ad<"03292001" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L44 | 95 | ((((((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer) and (bandwidth or (flow same rate))) and ATM) and @ad<"20010329" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L45 | 5132 | 370/412 | USPAT | OR | OFF | 2009/03/08 08:43 |
| L46 | 1233 | 370/422 | USPAT | OR | OFF | 2009/03/08 08:43 |
| L47 | 919 | 370/395.42 | USPAT | OR | OFF | 2009/03/08 08:43 |

| L48 | 4939 | 370/395 | USPAT | OR | OFF | 2009/03/08 08:43 |
|-----|------|---------|-------|-----|-----|------------------|
| L49 | 1584 | 370/398 | USPAT | OR | OFF | 2009/03/08 08:43 |
| L50 | 28 | ("5426736" \| "5463620" \| "5497375" \| "5790522" \| "5802310" \| "5901147" \| "5914936" \| "5999534" \| "6134218" \| "6169748" \| "6178159" \| "6178448" \| "6219728" \| "6252848" \| "6272109" \| "6324165" \| "6388993" \| "6430153" \| "6438138" \| "6442138" \| "6442139" \| "6477147" \| "6480911" \| "6490251" \| "6510160" \| "6535484" \| "6542509" \| "6556578" \| "2001/0055313" \| "2002/0089933").PN. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L51 | 28 | ("5426736" \| "5463620" \| "5497375" \| "5790522" \| "5802310" \| "5901147" \| "5914936" \| "5999534" \| "6134218" \| "6169748" \| "6178159" \| "6178448" \| "6219728" \| "6252848" \| "6272109" \| "6324165" \| "6388993" \| "6430153" \| "6438138" \| "6442138" \| "6442139" \| "6477147" \| "6480911" \| "6490251" \| "6510160" \| "6535484" \| "6542509" \| "6556578" \| "2001/0055313" \| "2002/0089933").PN. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L52 | 26 | "5802310" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L53 | 18 | "6535484" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L54 | 61 | adjustable adj buffer | USPAT | OR | OFF | 2009/03/08 08:43 |
| L55 | 1 | (adjustable adj buffer) and ATM | USPAT | OR | OFF | 2009/03/08 08:43 |
| L56 | 8 | "5901139" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L57 | 106 | "5541912" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L58 | 15 | ((minimum and maximum)adj queue) and ATM | USPAT | OR | OFF | 2009/03/08 08:43 |
| L59 | 6 | "6400684" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L60 | 15 | ((minimum and maximum)adj queue) and ATM | USPAT | OR | OFF | 2009/03/08 08:43 |

| L61 | 14 | (((minimum and maximum) adj queue) and ATM) and buffer | USPAT | OR | OFF | 2009/03/08 08:43 |
|-----|-----|------|-------|------|------|------|
| L62 | 5 | "6092032" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L63 | 9 | "6192032" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L64 | 48 | "6757255" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L65 | 48 | "6757255" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L66 | 0 | (estimate and (worst adj case adj delay) and network) and (traffic adj aggregate) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L67 | 53 | burst adj parameter | USPAT | OR | OFF | 2009/03/08 08:43 |
| L68 | 0 | L67 and @ad< "03302001" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L69 | 32 | L67 and @ad< "20010330" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L70 | 4 | L69 and (packet adj switch) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L71 | 1 | L70 and (time adj interval) | USPAT | OR | OFF | 2009/03/08 08:43 |
| L72 | 4 | L70 and time | USPAT | OR | OFF | 2009/03/08 08:43 |
| L73 | 48 | "6757255" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L74 | 48 | "6757255" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L75 | 71 | "5654979" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L76 | 71 | "5654979" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L77 | 1 | "6687223" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L78 | 71 | "5654979" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L79 | 71 | "5654979" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L80 | 1 | "6687223" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L81 | 48 | "6757255" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L82 | 48 | "6757255" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L83 | 4189744 | queu$3 buffer$3 FIFO storage memor$3 repository array | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |

| L84 | 7272439 | collect$3 aggregat$3 obtain$3 acquir$4 gather$3 accumulat $3 solicit$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
|-----|---------|------|------|-----|-----|------|
| L85 | 7311998 | calculat$3 estimat$3 determin $3 figur$3 measur$3 evaluat $3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L86 | 2360 | (worst near2 case near2 delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L87 | 229 | (L85 near2 L86) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L88 | 111 | L87 and (@ad< "20010330" @rlad< "20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L89 | 3747 | (worst near2 case near2 delay) or (largest near2 delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L90 | 5780 | burst near2 rate | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L91 | 3 | L89 with L90 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L92 | 1 | L91 and bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L93 | 3 | L91 and time | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L94 | 0 | L93 and profile | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L95 | 59447 | band near2 width | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L96 | 0 | L95 and L93 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |

| L97 | 2 | L89 near10 L90 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L98 | 5 | L89 same L90 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L99 | 4 | L98 and (@ad< "20010330" @rlad< "20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L100 | 34 | ("6072773").URPN. | USPAT | OR | OFF | 2009/03/08 08:43 |
| L101 | 114 | "5434848" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L102 | 158 | "5533020" | USPAT | OR | OFF | 2009/03/08 08:43 |
| L103 | 418 | burst near10 profile | USPAT | OR | OFF | 2009/03/08 08:43 |
| L104 | 23 | burst near2 rate near2 profile | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L105 | 4 | L104 and (@ad< "20010330" @rlad< "20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L106 | 1 | "6687223" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L107 | 30490 | (largest biggest max maximum worst) near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L108 | 5780 | (burst near2 rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L109 | 30490 | (largest biggest max maximum worst) near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L110 | 30490 | (largest biggest max maximum worst) near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L111 | 4 | "6657987" and L110 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |

| L112 | 48 | "6757255" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
|------|------|-----------|-------------------------------------------|----|----|------------------|
| L113 | 2196 | largest near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L114 | 1099 | L113 and network | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L115 | 11863548 | (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L116 | 485 | L114 and L115 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L117 | 214 | L116 and (traffic ) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L118 | 36 | L117 and QoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L119 | 294 | (calculat$3 determin$3 deriving produc$3) near5 largest near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L120 | 155 | L119 and L115 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L121 | 5 | L120 and QoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L122 | 5 | L121 and (traffic ) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L123 | 6514 | (calculat$3 determin$3 deriving produc$3) near15 (largest biggest max maximum worst) near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L124 | 7893 | (calculat$3 determin$3 deriving produc$3) near15 (largest biggest max maximum worst) near15 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |

| L125 | 11863548 | (@ad< "20010330" @rlad< "20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
|---|---|---|---|---|---|---|
| L126 | 3897 | L125 and L124 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L127 | 637 | L125 and L124 and traffic | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L128 | 134 | L127 and QoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L129 | 7893 | (calculat$3 determin$3 deriving produc$3) near15 (largest biggest max maximum worst) near15 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L130 | 11863548 | (@ad< "20010330" @rlad< "20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L131 | 637 | L130 and L129 and traffic | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L132 | 134 | L131 and QoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L133 | 134 | L132 and L130 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L134 | 11010874 | (@ad< "20000330" @rlad< "20000330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L135 | 95 | L132 and L134 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L136 | 1 | "20020194343" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L137 | 0 | "20020194343" and router | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |

| L138 | 14 | "6657987" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
|---|---|---|---|---|---|---|
| L139 | 1 | "6657987".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L140 | 0 | "6657987".pn. and router | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L141 | 1 | "6757255".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L142 | 1 | "6757255".pn. and router | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L143 | 131917 | "6757255".pn. router | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L144 | 32815 | "6757255".pn. router and buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L145 | 1 | "6757255".pn. and router and buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L146 | 850411 | PoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L147 | 1 | "6657987".pn. and "6757255".pn. "20020194343" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L148 | 3 | "6657987".pn. "6757255".pn. "20020194343" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L149 | 1 | "20050120074" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L150 | 433 | worse near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |

| L151 | 2943 | worst near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L152 | 54 | L150 and L151 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L153 | 3322 | (worse worst) near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L154 | 11863548 | (@ad< "20010330" @rlad< "20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L155 | 3322 | (worse worst) near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L156 | 3322 | L155 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L157 | 1319 | "worst case delay" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L158 | 201516 | "370"/$.ccls. or "709"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L159 | 372 | L157 and L158 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L160 | 17049 | 709/223 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L161 | 1319 | "worst case delay" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L162 | 201516 | "370"/$.ccls. or "709"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L163 | 372 | L161 and L162 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |

| L164 | 0 | "20020073224" and router$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
|------|---|-----------------------------|-------------------------------------------|----|----|------------------|
| L165 | 0 | "20020073224" and interface | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L166 | 936 | token near2 bucket$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L167 | 761 | L166 and L162 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L168 | 14 | L167 and L161 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L169 | 1 | "20020073224" and time | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L170 | 2 | "20020097726" and L161 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L171 | 2 | "20020097726" and worst | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L172 | 71 | slope with burst with rate | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L173 | 16 | L172 and L162 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L174 | 1319 | worst and L161 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L175 | 1 | "5511002".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L176 | 23595 | (service near2 level near2 agreement) "SLA" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |

| L177 | 18484 | "worst case delay" (max near2 delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
|---|---|---|---|---|---|---|
| L178 | 354 | L176 and L177 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L179 | 704099 | @rlad<"20010330" and @ad<"20010330" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2009/03/08 08:43 |
| L180 | 9 | L178 and L179 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2009/03/08 08:43 |
| L181 | 6 | L180 and bandwidth | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2009/03/08 08:43 |
| L182 | 1 | L181 and Token | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2009/03/08 08:43 |
| L183 | 0 | L181 and bucket | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2009/03/08 08:43 |
| L184 | 1 | L181 and ring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2009/03/08 08:43 |
| L185 | 156 | L176 and (token near2 bucket) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L186 | 2 | L185 and L179 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L187 | 1 | L186 and (delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:43 |
| L188 | 1 | "6085243".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2009/03/08 08:43 |

| L189 | 80 | ("5710885" \| "5752003" \| "5764912").PN. OR ("6085243").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/08 08:43 |
| L190 | 1 | "20020073224" and delay | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/08 08:43 |
| L191 | 10689 | 709/233,223,200.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 08:50 |
| L192 | 1287 | estimat$3 with delay with network | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 09:01 |
| L193 | 568 | 192 and (@ad< "20010330" @rlad< "20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 09:02 |
| L194 | 16 | 191 and 193 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2009/03/08 09:03 |
| L195 | 7 | ("20020024973" \| "20020039371" \| "5806063" \| "5883924" \| "6512746").PN. OR ("6928473").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/03/08 09:08 |
| S1 | 1 | "6687223" | USPAT | OR | OFF | 2004/10/14 10:25 |
| S2 | 1 | "6757255" | USPAT | OR | OFF | 2004/10/14 10:25 |
| S3 | 46 | estimate and (worst adj case adj delay) and network | USPAT | OR | OFF | 2005/11/15 10:39 |
| S4 | 28 | (estimate and (worst adj case adj delay) and network) and traffic | USPAT | OR | OFF | 2004/09/29 10:33 |
| S5 | 25 | ((estimate and (worst adj case adj delay) and network) and traffic) and @ad< "20010330" | USPAT | OR | OFF | 2004/09/29 14:18 |
| S6 | 5 | "6192032" | USPAT | OR | OFF | 2004/09/29 14:18 |
| S7 | 70 | calculat$4 and (traffic adj delay) | USPAT | OR | OFF | 2004/10/01 08:01 |
| S8 | 62 | (calculat$4 and (traffic adj delay)) and network | USPAT | OR | OFF | 2004/10/01 08:01 |
| S9 | 48 | ((calculat$4 and (traffic adj delay)) and network) and rate $1 | USPAT | OR | OFF | 2004/10/01 08:01 |
| S10 | 48 | (((calculat$4 and (traffic adj delay)) and network) and rate $1) and time | USPAT | OR | OFF | 2004/10/01 08:01 |

| S11 | 34 | (((((calculat$4 and (traffic adj delay)) and network) and rate $1) and time) and interval | USPAT | OR | OFF | 2004/10/01 08:02 |
| S12 | 10 | ((((((calculat$4 and (traffic adj delay)) and network) and rate $1) and time) and interval) and burst | USPAT | OR | OFF | 2004/10/01 08:02 |
| S13 | 10 | (((((((calculat$4 and (traffic adj delay)) and network) and rate$1) and time) and interval) and burst) and packet | USPAT | OR | OFF | 2004/10/01 08:02 |
| S14 | 10 | ((((((((calculat$4 and (traffic adj delay)) and network) and rate$1) and time) and interval) and burst) and packet) and @ad<"20010330" | USPAT | OR | OFF | 2004/10/01 08:07 |
| S15 | 100756 | "10" and bandwidth | USPAT | OR | OFF | 2004/10/01 08:07 |
| S16 | 9 | (((((((((calculat$4 and (traffic adj delay)) and network) and rate$1) and time) and interval) and burst) and packet) and @ad<"20010330") and bandwidth | USPAT | OR | OFF | 2004/10/01 08:08 |
| S17 | 1 | "6757255" | USPAT | OR | OFF | 2004/10/01 09:15 |
| S18 | 70 | (370/379).CCLS. | USPAT; USOCR | OR | OFF | 2004/09/08 09:08 |
| S19 | 55 | ((370/379).CCLS.) and (short circuit) | USPAT | OR | OFF | 2004/09/08 09:08 |
| S20 | 9 | (((370/379).CCLS.) and (short circuit)) and (ground fault) | USPAT | OR | OFF | 2004/09/08 09:08 |
| S21 | 0 | "Hassain.in" | USPAT | OR | OFF | 2004/09/13 11:34 |
| S22 | 0 | "Hussain.in" | USPAT | OR | OFF | 2004/09/13 11:34 |
| S23 | 0 | "6724776".URPN. | USPAT | OR | OFF | 2004/09/14 14:07 |
| S24 | 0 | "6724776".URPN. | USPAT | OR | OFF | 2004/09/14 14:08 |
| S25 | 0 | "6724776".URPN. | USPAT | OR | OFF | 2004/09/14 14:08 |
| S26 | 0 | "6724776".URPN. | USPAT | OR | OFF | 2004/09/14 14:08 |
| S27 | 0 | "6724776".URPN. | USPAT | OR | OFF | 2004/09/14 14:08 |
| S28 | 83 | "5541912" | USPAT | OR | OFF | 2004/09/13 11:33 |
| S29 | 7 | Lobig.in. | USPAT | OR | OFF | 2004/09/13 11:34 |

| S30 | 8464 | Norbert Lobig.in. | USPAT | OR | OFF | 2004/09/13 11:35 |
|---|---|---|---|---|---|---|
| S31 | 21 | Nobert.in. | USPAT | OR | OFF | 2004/09/13 11:35 |
| S32 | 3 | "5901139" | USPAT | OR | OFF | 2004/09/13 11:35 |
| S33 | 83 | "5541912" | USPAT | OR | OFF | 2004/09/13 11:35 |
| S34 | 315 | Hussain.in. | USPAT | OR | OFF | 2004/09/13 11:35 |
| S35 | 18858 | Arbit$4 and Priority | USPAT | OR | OFF | 2004/09/24 13:57 |
| S36 | 14827 | (Arbit$4 and Priority) and (buffer or memory) | USPAT | OR | OFF | 2004/09/24 13:57 |
| S37 | 12685 | ((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input) | USPAT | OR | OFF | 2004/09/24 13:58 |
| S38 | 11938 | (((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress) | USPAT | OR | OFF | 2004/09/24 13:58 |
| S39 | 344 | ((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service)) | USPAT | OR | OFF | 2004/09/24 13:59 |
| S40 | 84 | (((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer | USPAT | OR | OFF | 2004/09/24 13:59 |
| S41 | 78 | ((((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer) and (bandwidth or (flow same rate)) | USPAT | OR | OFF | 2004/09/24 14:00 |
| S42 | 65 | (((((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer) and (bandwidth or (flow same rate))) and ATM | USPAT | OR | OFF | 2004/09/24 14:06 |

| S43 | 0 | (((((((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer) and (bandwidth or (flow same rate))) and ATM) and @ad<"03292001" | USPAT | OR | OFF | 2004/09/24 14:07 |
|-----|-----|-----|-------|-----|-----|-----|
| S44 | 61 | (((((((((Arbit$4 and Priority) and (buffer or memory)) and (ingress or input)) and (output or engress)) and (qos or (quality adj of adj service))) and timer) and (bandwidth or (flow same rate))) and ATM) and @ad<"20010329" | USPAT | OR | OFF | 2004/09/24 14:07 |
| S45 | 2481 | 370/412 | USPAT | OR | OFF | 2004/09/28 09:29 |
| S46 | 790 | 370/422 | USPAT | OR | OFF | 2004/09/28 09:29 |
| S47 | 306 | 370/395.42 | USPAT | OR | OFF | 2004/09/28 09:29 |
| S48 | 3942 | 370/395 | USPAT | OR | OFF | 2004/09/28 09:29 |
| S49 | 1118 | 370/398 | USPAT | OR | OFF | 2004/09/28 09:29 |
| S50 | 28 | ("5426736" \| "5463620" \| "5497375" \| "5790522" \| "5802310" \| "5901147" \| "5914936" \| "5999534" \| "6134218" \| "6169748" \| "6178159" \| "6178448" \| "6219728" \| "6252848" \| "6272109" \| "6324165" \| "6388993" \| "6430153" \| "6438138" \| "6442138" \| "6442139" \| "6477147" \| "6480911" \| "6490251" \| "6510160" \| "6535484" \| "6542509" \| "6556578" \| "2001/0055313" \| "2002/0089933").PN. | USPAT | OR | OFF | 2004/09/14 14:03 |

| S51 | 28 | ("5426736" \| "5463620" \| "5497375" \| "5790522" \| "5802310" \| "5901147" \| "5914936" \| "5999534" \| "6134218" \| "6169748" \| "6178159" \| "6178448" \| "6219728" \| "6252848" \| "6272109" \| "6324165" \| "6388993" \| "6430153" \| "6438138" \| "6442138" \| "6442139" \| "6477147" \| "6480911" \| "6490251" \| "6510160" \| "6535484" \| "6542509" \| "6556578" \| "2001/0055313" \| "2002/0089933").PN. | USPAT | OR | OFF | 2004/09/14 14:08 |
|-----|-----|-----|-----|-----|-----|-----|
| S52 | 17 | "5802310" | USPAT | OR | OFF | 2004/09/14 14:51 |
| S53 | 6 | "6535484" | USPAT | OR | OFF | 2004/09/14 14:51 |
| S54 | 47 | adjustable adj buffer | USPAT | OR | OFF | 2004/09/13 11:35 |
| S55 | 1 | (adjustable adj buffer) and ATM | USPAT | OR | OFF | 2004/09/13 11:35 |
| S56 | 3 | "5901139" | USPAT | OR | OFF | 2004/09/13 11:35 |
| S57 | 83 | "5541912" | USPAT | OR | OFF | 2004/09/14 13:11 |
| S58 | 4 | ((minimum and maximum)adj queue) and ATM | USPAT | OR | OFF | 2004/09/14 13:21 |
| S59 | 2 | "6400684" | USPAT | OR | OFF | 2004/09/14 13:11 |
| S60 | 4 | ((minimum and maximum)adj queue) and ATM | USPAT | OR | OFF | 2004/09/14 13:22 |
| S61 | 4 | (((minimum and maximum) adj queue) and ATM) and buffer | USPAT | OR | OFF | 2004/09/14 14:21 |
| S62 | 1 | "6092032" | USPAT | OR | OFF | 2004/09/28 14:29 |
| S63 | 5 | "6192032" | USPAT | OR | OFF | 2004/09/28 14:48 |
| S64 | 1 | "6757255" | USPAT | OR | OFF | 2004/09/28 14:49 |
| S65 | 1 | "6757255" | USPAT | OR | OFF | 2004/09/29 09:06 |
| S66 | 0 | (estimate and (worst adj case adj delay) and network) and (traffic adj aggregate) | USPAT | OR | OFF | 2004/09/29 10:33 |
| S67 | 31 | burst adj parameter | USPAT | OR | OFF | 2005/04/10 18:01 |
| S68 | 0 | S67 and @ad<"03302001" | USPAT | OR | OFF | 2005/04/10 18:03 |

| S69 | 26 | S67 and @ad<"20010330" | USPAT | OR | OFF | 2005/04/10 18:04 |
|-----|-----|------------------------|-------|-----|------|-------------------|
| S70 | 2 | S69 and (packet adj switch) | USPAT | OR | OFF | 2005/04/10 18:05 |
| S71 | 0 | S70 and (time adj interval) | USPAT | OR | OFF | 2005/04/10 18:05 |
| S72 | 2 | S70 and time | USPAT | OR | OFF | 2005/04/10 18:07 |
| S73 | 1 | "6757255" | USPAT | OR | OFF | 2005/04/10 18:07 |
| S74 | 1 | "6757255" | USPAT | OR | OFF | 2005/04/10 18:52 |
| S75 | 52 | "5654979" | USPAT | OR | OFF | 2005/04/10 18:53 |
| S76 | 52 | "5654979" | USPAT | OR | OFF | 2005/04/10 18:54 |
| S77 | 1 | "6687223" | USPAT | OR | OFF | 2005/04/10 18:55 |
| S78 | 52 | "5654979" | USPAT | OR | OFF | 2005/04/10 18:55 |
| S79 | 52 | "5654979" | USPAT | OR | OFF | 2005/04/17 09:19 |
| S80 | 1 | "6687223" | USPAT | OR | OFF | 2005/04/17 09:19 |
| S81 | 1 | "6757255" | USPAT | OR | OFF | 2005/04/17 10:13 |
| S82 | 1 | "6757255" | USPAT | OR | OFF | 2005/04/19 17:01 |
| S85 | 4749419 | (information data profile$2 info report$2 statistics packet stream$2 cell$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 10:48 |
| S86 | 3120748 | queu$3 buffer$3 FIFO storage memor$3 repository array | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:40 |
| S87 | 5972998 | collect$3 aggregat$3 obtain$3 acquir$4 gather$3 accumulat $3 solicit$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 10:51 |
| S88 | 5826951 | calculat$3 estimat$3 determin $3 figur$3 measur$3 evaluat $3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 10:53 |
| S89 | 1582 | (worst near2 case near2 delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 10:54 |
| S90 | 120091 | (S87 near2 S85) with S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 10:55 |

| S91 | 154 | (S88 near2 S89) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 10:58 |
| S92 | 3 | S91 and S90 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 10:58 |
| S93 | 2 | S92 and (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 14:04 |
| S94 | 103 | S91 and (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 11:09 |
| S95 | 2455 | (worst near2 case near2 delay) or (largest near2 delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:23 |
| S96 | 4078 | burst near2 rate | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:24 |
| S97 | 3 | S95 with S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:31 |
| S98 | 1 | S97 and bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:29 |
| S99 | 3 | S97 and time | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:30 |
| S100 | 0 | S99 and profile | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:29 |
| S101 | 50342 | band near2 width | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:42 |
| S102 | 0 | S101 and S99 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:30 |
| S103 | 2 | S95 near10 S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:32 |

| S104 | 4 | S95 same S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:32 |
|---|---|---|---|---|---|---|
| S105 | 3 | S104 and (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:42 |
| S106 | 20 | ("6072773").URPN. | USPAT | OR | OFF | 2005/11/15 15:37 |
| S107 | 78 | "5434848" | USPAT | OR | OFF | 2005/11/15 15:38 |
| S108 | 135 | "5533020" | USPAT | OR | OFF | 2005/11/15 15:41 |
| S109 | 284 | burst near10 profile | USPAT | OR | OFF | 2005/11/15 15:41 |
| S110 | 11 | burst near2 rate near2 profile | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:42 |
| S111 | 3 | S110 and (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 15:49 |
| S112 | 1 | "6687223" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:39 |
| S113 | 21107 | (largest biggest max maximum worst) near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:41 |
| S114 | 3120748 | queu$3 buffer$3 FIFO storage memor$3 repository array | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:40 |
| S115 | 4078 | (burst near2 rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:41 |
| S116 | 21107 | (largest biggest max maximum worst) near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:41 |
| S117 | 3120748 | queu$3 buffer$3 FIFO storage memor$3 repository array | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:41 |
| S118 | 15726 | S116 and S117 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:42 |

| S119 | 11 | S115 same S116 same S117 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:41 |
|------|-----|--------------------------|-------------------------------------------|-----|-----|-----------------|
| S120 | 11 | S119 and (bandwidth time) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/15 17:42 |
| S121 | 10 | S120 and (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/16 10:25 |
| S122 | 21107 | (largest biggest max maximum worst) near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 21:20 |
| S123 | 2 | "6657987" and S122 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/16 10:33 |
| S124 | 6 | "6757255" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2005/11/16 10:33 |
| S125 | 1544 | largest near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:46 |
| S126 | 700 | S125 and network | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:44 |
| S127 | 11742085 | (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 21:21 |
| S128 | 437 | S126 and S127 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:47 |
| S129 | 182 | S128 and (traffic ) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:48 |
| S130 | 31 | S129 and QoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:47 |
| S131 | 203 | (calculat$3 determin$3 deriving produc$3) near5 largest near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:47 |

| S132 | 143 | S131 and S127 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:47 |
| S133 | 5 | S132 and QoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:47 |
| S134 | 5 | S133 and (traffic ) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 16:48 |
| S135 | 4751 | (calculat$3 determin$3 deriving produc$3) near15 (largest biggest max maximum worst) near5 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 21:20 |
| S136 | 5815 | (calculat$3 determin$3 deriving produc$3) near15 (largest biggest max maximum worst) near15 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 21:20 |
| S137 | 11742085 | (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 21:22 |
| S138 | 3690 | S137 and S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 21:22 |
| S139 | 558 | S137 and S136 and traffic | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/06 21:23 |
| S140 | 119 | S139 and QoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 10:06 |
| S141 | 5815 | (calculat$3 determin$3 deriving produc$3) near15 (largest biggest max maximum worst) near15 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 10:06 |
| S142 | 11742085 | (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 10:07 |
| S143 | 558 | S142 and S141 and traffic | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 10:06 |
| S144 | 119 | S143 and QoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 10:07 |

| S145 | 119 | S144 and S142 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 10:06 |
| S146 | 10933883 | (@ad<"20000330" @rlad<"20000330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 10:07 |
| S147 | 89 | S144 and S146 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 12:53 |
| S148 | 1 | "20020194343" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 12:53 |
| S149 | 0 | "20020194343" and router | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 12:53 |
| S150 | 5 | "6657987" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 12:54 |
| S151 | 1 | "6657987".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 14:33 |
| S152 | 0 | "6657987".pn. and router | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 12:54 |
| S153 | 1 | "6757255".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 12:54 |
| S154 | 1 | "6757255".pn. and router | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 12:54 |
| S155 | 74214 | "6757255".pn. router | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 14:51 |
| S156 | 19325 | "6757255".pn. router and buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 14:51 |
| S157 | 1 | "6757255".pn. and router and buffer | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/07 14:51 |

| S158 | 786038 | PoS | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/06/08 10:59 |
|------|--------|-----|-----|-----|-----|-----|
| S159 | 1 | "6657987".pn. and "6757255". pn. "20020194343" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/01 12:46 |
| S160 | 3 | "6657987".pn. "6757255".pn. "20020194343" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/01 12:46 |
| S161 | 1 | "20050120074" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/01 19:41 |
| S162 | 1234342 | (hypothetic$2 estimate approximate evaluat$4 valuat $3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 16:56 |
| S163 | 327 | worse near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 14:04 |
| S164 | 2267 | worst near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 14:03 |
| S165 | 44 | S163 and S164 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 14:03 |
| S166 | 2550 | (worse worst) near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 16:56 |
| S167 | 166 | S166 same S162 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 14:04 |
| S168 | 11775350 | (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 16:56 |
| S169 | 81 | S167 and S168 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 14:04 |
| S170 | 1343789 | (hypothetic$2 estimate approximate evaluat$4 valuat $3 predict$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 16:56 |

| S171 | 2550 | (worse worst) near3 delay | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 16:56 |
|------|------|---------------------------|---------------------------------------------|----|----|------------------|
| S172 | 2550 | S171 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 16:56 |
| S173 | 11775350 | (@ad< "20010330" @rlad< "20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 16:57 |
| S174 | 11775350 | S173 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 16:56 |
| S175 | 118 | (S170 same S171) and S173 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:16 |
| S176 | 60 | S175 and predict$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:02 |
| S177 | 60 | S176 and S171 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:02 |
| S178 | 58 | S175 not S177 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:36 |
| S179 | 983 | "worst case delay" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:37 |
| S180 | 149171 | "370"/$.ccls. or "709"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:37 |
| S181 | 268 | S179 and S180 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:37 |
| S182 | 199 | S181 and S173 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:37 |
| S183 | 161 | S182 and bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 17:39 |

| S184 | 31 | S183 and bucket | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 19:28 |
|------|------|------|------|------|------|------|
| S185 | 10470 | 709/223 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/05 19:28 |
| S186 | 11775350 | (@ad<"20010330" @rlad<"20010330") | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 13:55 |
| S187 | 983 | "worst case delay" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 13:55 |
| S188 | 149171 | "370"/$.ccls. or "709"/$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 13:55 |
| S189 | 268 | S187 and S188 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 13:55 |
| S190 | 199 | S189 and S186 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 13:55 |
| S191 | 161 | S190 and bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 13:55 |
| S192 | 31 | S191 and bucket | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:02 |
| S193 | 17 | S191 and bucket and token | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:09 |
| S194 | 0 | "20020073224" and router$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:10 |
| S195 | 0 | "20020073224" and interface | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:10 |
| S196 | 605 | token near2 bucket$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:12 |

| S197 | 505 | S196 and S188 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:12 |
|------|-----|---------------|-------------------------------------------|----|----|------------------|
| S198 | 12 | S197 and S187 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:12 |
| S199 | 10 | S198 and S186 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:12 |
| S200 | 6 | S199 and router$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:15 |
| S201 | 6 | S200 and router$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:16 |
| S202 | 6 | S200 and bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 14:55 |
| S203 | 1 | "20020073224" and time | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 15:23 |
| S204 | 2 | "20020097726" and S187 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 15:24 |
| S205 | 2 | "20020097726" and worst | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 15:43 |
| S206 | 53 | slope with burst with rate | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 15:43 |
| S207 | 12 | S206 and S188 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 15:43 |
| S208 | 6 | S207 and S186 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 16:13 |
| S209 | 0 | S208 and S187 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 16:13 |

| S210 | 983 | worst and S187 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 16:13 |
| S211 | 0 | worst and S187 and S208 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 16:13 |
| S212 | 1 | worst and S208 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/12/06 16:13 |
| S213 | 1 | "5511002".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2007/05/14 13:07 |
| S214 | 21996 | (service near2 level near2 agreement) "SLA" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/02/21 13:47 |
| S215 | 16556 | "worst case delay" (max near2 delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/02/21 13:47 |
| S216 | 304 | S214 and S215 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/02/21 13:48 |
| S217 | 703117 | @rlad<"20010330" and @ad<"20010330" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/02/21 13:48 |
| S218 | 9 | S216 and S217 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/02/21 13:48 |
| S219 | 6 | S218 and bandwidth | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/02/21 13:50 |
| S220 | 1 | S219 and Token | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/02/21 13:54 |
| S221 | 0 | S219 and bucket | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/02/21 13:54 |

| S222 | 1 | S219 and ring | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/02/21 13:54 |
|------|---|----------------|------|------|------|-----------|
| S223 | 136 | S214 and (token near2 bucket) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/02/21 13:57 |
| S224 | 2 | S223 and S217 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/02/21 13:57 |
| S225 | 1 | S224 and (delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2008/02/21 13:58 |
| S226 | 1 | "6085243".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB | OR | OFF | 2008/02/21 15:30 |
| S227 | 65 | ("5710885" \| "5752003" \| "5764912").PN. OR ("6085243").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/21 15:30 |
| S228 | 707411 | "20020073224" abd delay | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/21 16:40 |
| S229 | 1 | "20020073224" and delay | US-PGPUB; USPAT; USOCR | OR | ON | 2008/02/21 16:40 |

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